

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("20020193801"   "5141512"   "5597379"   "5653714").PN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 10:17
S2	0	("20020193801"   "5141512"   "5597379"   "5653714").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 10:17
S3	0	("20020193801"   "5141512"   "5597379"   "5653714").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 10:18
S4	2	("20020193801").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 10:18
S5	2	("5141512").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 10:18
S6	2	("5597379").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 10:18
S7	2	("5653714").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 10:18
S8	8	S4 or S5 or S6 or S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 10:19

S9	190	("3859992"   "4305394"   "4457307"   "4459985"   "4467801"   "4474177"   "4475509"   "4487203"   "4501266"   "4528980"   "4566448"   "4567885"   "4567886"   "4574794"   "4586496"   "4653488"   "4703751"   "4716894"   "4721104"   "4722330"   "4736737"   "4759350"   "4787383"   "4892093"   "4896663"   "4926847"   "4938762"   "4952213"   "5002545"   "5007912"   "5035699"   "5047032"   "5049149"   "5053037"   "5092869"   "5098436"   "5112336"   "5122144"   "5129907"   "5129908"   "5171244"   "5171276"   "5176684"   "5180384"   "5190547"   "5201768"   "5207680"   "5207711"   "5228459"   "5234432"   "5234433"   "5250050"   "5263498"   "5304181"   "5344423"   "5417695"   "5454816").PN. OR ("2002/0193801"   "5141512"   "5597379"   "5653714").UPRN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/04 10:19
S10	2	("2002193801").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 13:00
S11	2	("5597379").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/04 13:00
S12	4	S10 or S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 13:00
S13	3	marchione-a\$5.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 13:02

S14	9	marchione-a\$6.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 13:03
S15	3	"20040153084"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 14:10
S16	3	"20040122436"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 14:11
S17	3	"20060064105"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 14:19
S18	22	("4653488"   "5122144"   "5474559"   "5653714"   "5769855"   "5830216"   "5853415"   "6056754"   "6746453"   "6926720"   "7029477"   "7104997"). PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 14:48
S19	3	"20050149041"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 14:54
S20	12	(US-20020193801-\$ or US-20040153084-\$ or US- 20040122436-\$ or US- 20060064105-\$).did. or (US-5597379-\$ or US- 5653714-\$ or US- 5053037-\$ or US- 5417695-\$ or US- 5454816-\$ or US- 6030391-\$ or US- 6558391-\$ or US- 7241298-\$).did.	US-PGPUB; USPAT	ADJ	ON	2011/04/04 15:06
S21	2	S20 and adjust\$4 and nut	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:07

S22	3	S20 and nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:07
S23	3	S20 and nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:07
S24	12	S20 and rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:13
S25	10	S20 and rotat\$4 and screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:14
S26	0	S20 and (rotat\$4 or adjust\$4) near S14 screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:22
S27	9	S20 and (rotat\$4 or adjust\$4) same screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/04 15:23
S28	1	"20020193801".pn. and thread\$4	US-PGPUB; USPAT	ADJ	ON	2011/04/05 08:34
S29	1	"5597379".pn. and thread \$4	US-PGPUB; USPAT	ADJ	ON	2011/04/05 08:38
S30	5	("2005027755").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/05 09:01
S31	2	("6595999").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/05 09:07
S32	2	("4896663").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/05 09:07

S33	2	("6156069").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/05 09:07
S34	6	S31 or S32 or S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 09:07
S35	112	("0378196"   "0449494"   "0460883"   "0667880"   "1028855"   "1249584"   "1727061"   "2416228"   "2785673"   "3840904"   "4101985"   "4123806"   "4224669"   "4246895"   "4284080"   "4341206"   "4502475"   "4672957"   "4715860"   "4752296"   "4795473"   "4846841"   "5037424"   "5250051"   "5653714"   "5683399"   "5817098"   "5879404"   "5904720"   "5980574"   "6156069").PN. OR "4896663"   "6156069"   "6595999").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:09
S36	0	cross-stan\$3.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:16
S37	31	cross-s\$6.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:16
S38	9	orton-m\$5.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:17
S39	3	flett-m\$5.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:17
S40	61	moore-g\$3.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:17
S41	3	osullivan-t\$4.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:17
S42	105	S37 or S38 or S39 or S40 or S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:18
S43	8	("20020016599"   "20040167543"   "4865496"   "4995277"   "5165296"   "5311790"   "6196081"   "7217276"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:27
S44	1	"20030114752".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 09:32

S45	16	(US-20020193801-\$ or US-20040153084-\$ or US-20040122436-\$ or US-20060064105-\$ or US-20040167543-\$ or US-20030114752-\$).did. or (US-5597379-\$ or US-5653714-\$ or US-5053037-\$ or US-5417695-\$ or US-5454816-\$ or US-6030391-\$ or US-6558391-\$ or US-7241298-\$ or US-4865496-\$).did. or (WO-2005027755-\$).did.	US-PGPUB; USPAT; EPO	ADJ	ON	2011/04/05 12:06
S46	5	S45 and nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:07
S47	5	S45 and (nut or washer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:11
S48	5	"2005082258"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:26
S49	8	S45 and (nut or washer or bush\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:30
S50	10	S45 and (nut or washer or bush\$3 or sleeve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:53
S51	2705	606/96,130.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:57
S52	423	S51 and (nut or washer or bush\$3 or sleeve) and (angular or angl\$2) and transla\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 12:59

S53	142	S51 and (nut or washer or bush\$3 or sleeve) and (angular or angl\$2) and transla\$6 and thread\$4 near\$6 screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 13:00
S54	3	"20020156372"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 13:40
S55	1007	S51 and (nut or washer or bush\$3 or sleeve) and (rotate or rotation or rotational\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 13:48
S56	278	S51 and (nut or washer or bush\$3 or sleeve) same (rotate or rotation or rotational\$2) same (screw or thread\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 13:49
S57	18	(US-20020193801-\$ or US-20040153084-\$ or US-20040122436-\$ or US-20060064105-\$ or US-20040167543-\$ or US-20030114752-\$ or US-20020156372-\$).did. or (US-5597379-\$ or US-5653714-\$ or US-5053037-\$ or US-5417695-\$ or US-5454816-\$ or US-6030391-\$ or US-6558391-\$ or US-7241298-\$ or US-4865496-\$).did. or (WO-2005027755-\$ or WO-2005082258-\$).did.	US-PGPUB; USPAT; EPO	ADJ	ON	2011/04/05 15:14
S58	11	S67 and (nut or washer or bush\$3 or sleeve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 15:14
S59	5	S67 and (nut or washer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/05 15:14

S60	5	("2005082259").FN.	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/04/05 15:23
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